

Form PTO-1449

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10/695,591

INFORMATION DISCLOSURE CITATION

Applicant
Jayachandran, et al.Filing Date
October 28, 2003Group
Not yet assigned

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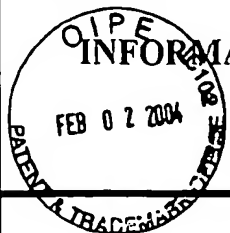
<i>M</i>	A	P. A. Kohl, Q. Zhao, K. S. Patel, D. Schmidt, S. A. Bidstrup-Allen, R. Shick, S. Jayaraman, Air-Gaps for Electrical Interconnections, Electrochemical and Solid State Lett, vol. 1, p. 49, 1998.
<i>M</i>	B	P. A. Kohl, D. M. Blusari, M. Wedlake, C. Case, B. C. Lee, R. J. Gutmann, R. Shick, Air-Gaps in 0.3 μ m Electrical Interconnections, IEEE Electron Device Lett., vol. 21, p. 557, 2000.
<i>M</i>	C	H. A. Reed, C. E. White, V. Rao, S. A. Bidstrup-Allen, C. L. Henderson, P. A. Kohl, Fabrication of microchannels using polycarbonates as sacrificial materials, J Micromech Microeng., vol. 11(6), p. 733, 2001.
<i>M</i>	D	D. Blusari, H. A. Reed, M. Wedlake, A. Padovani, S. A. Bidstrup-Allen, P. A. Kohl, Fabrication of Air-Channel Structures for Microfluidic, Microelectromechanical, and Microelectronic Applications, J Micromech. Microeng., vol. 10(3), p. 400, 2001.
<i>M</i>	E	M. B. Anand, M. Yamada, H. Shibata, Use of Gas as Low-k Interlayer Dielectric in LSI's: Demonstration of Feasibility, IEEE Transactions on Electron Devices, vol. 44, p. 1965, 1997.
<i>M</i>	F	C. K. Harnett, G. W. Coates, H. G. Craighead, Heat-depolymerizable polycarbonates as electron beam patternable sacrificial layers for nanofluidics, J Vac. Sci. Technol B., vol. 19(6), p. 2842, 2001.
<i>M</i>	G	L. S. Loo, K. K. Gleason, Hot Filament Chemical Vapor Deposition of Polyoxymethylene as a Sacrificial Layer for Fabricating Air Gaps, Electrochemical and Solid State Lett., vol. 4, p. G81, 2001.
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<i>M</i>	I	J. P. Gravesen, J. Bianejerg, O. S. Jensen, Microfluidics - A Review, J Micromech. Microeng., vol. 3, p. 168, 1993.
<i>M</i>	J	R. F. Service, Microchip Arrays Put DNA on the Spot, Science, vol. 282, p. 396, 1998.
<i>M</i>	K	J. V. Crivello, J. H. W. Lam, Diaryliodonium Salts. A New Class of Photoinitiators for Cationic Polymerization, Macromolecules, vol. 10(6), p. 1307, 1977.
<i>M</i>	L	R. Taylor, The Nature of the Transition State in Ester Pyrolysis. Part II. The Relative Rates of Pyrolysis of Ethyl, Isopropyl, and t-Butyl Acetates, Phenylacetates, Benzoates, Phenyl Carbonates, and N-Phenylcarbamates, J Chem. Soc, Chem. Commun., p. 1025, 1975.
<i>M</i>	M	S. Inoue, T. Tsuruta, T. Takada, N. Miyazaki, M. Kambe, T. Takaoka, Synthesis and Thermal Degradation of Carbon Dioxide-Epoxy Copolymer, Appl. Polym. Symp., vol. 26, p. 257, 1975.
<i>M</i>	N	J. M. J. Frechet, F. Bouchard, F. M. Houlihan, E. Eichler, B. Kryczka, C. G. Wilson, Design and synthesis of novel allylic and benzylic copolycarbonates susceptible to acidolytic or thermolytic depolymerization, Makromol. Chem. Rapid. Commun., vol. 7, p. 121, 1986.

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DATE CONSIDERED:

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<i>M</i>	O	S. C. Narang, S. T. Attarwala, Chemical Amplification in t-Diol Polycarbonate Resists, Polym. Prepr., (Am. Chem. Soc. Div. Polym., Chem), vol. 26(2), p. 323, 1985.	
<i>M</i>	P	D. J. Drensbourg, J. R. Wildeson, J. C. Yarbrough, J. H. Reibenspies, Bis 2,6-difluorophenoxide Dimeric Complexes of Zinc and Cadmium and Their Phosphine Adducts: Lessons Learned Relative to Carbon Dioxide/Cyclohexene Oxide Alternating Copolymerization Processes Catalyzed by Zinc Phenoxides, J Amer. Chem. Soc., vol. 122, p. 12487, 2000.	
<i>M</i>	Q	M. Murayama, F. Sanda, T. Endo, Anionic Ring-Opening Polymerization of a Cyclic Carbonate Having a Norbornene Structure with Amine Initiators, Macromolecules, vol. 31, p. 919, 1998.	
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<i>M</i>	T	D. Bhusari, H. A. Reed, M. Wedlake, A. M. Padovani, S. A. Bidstrup-Allen, P. A. Kohl, Fabrication of Air-Channel Structures for Microfluidic, Microelectromechanical, and Microelectronic Applications, J. Microelectromechanical Sys., vol. 10, No. 3, pp. 400-8, September 2001	
<i>M</i>	U	Xiaoqun Wu, et al.; Lithographic Characteristics and Thermal Processing of Photosensitive Sacrificial Materials; Journal of the Electrochemical Society, 149; 2002; pp G555-G561	
<i>M</i>	V	Wu, X, Reed, H. A., Rhodes, L., Elce, E., Ravikiran, R., Shick, R.A., Henderson, C. L., Allen, S. A., and Kohl, P. A., "Photoinitiation Systems and Thermal Decomposition of Photodefinable Sacrificial Materials", Journal of Applied Polymer Science, 88, 1186-1195 (2003)	
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